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SuperChassis 826BE16-R920WB

Key Features

1. 920W Redundant High-efficiency **80PLUS Platinum Level (94%+) Power Supply**
2. 12x 3.5" Hot-swap SAS / SATA Drive Bays and optional 2x 2.5" Hot-swap SAS/SATA Drive Bays on rear side of Chassis E16: Single Expander SAS2 backplane
3. 3x 80mm Hot-swap Cooling Fans
4. WIO Slots (4x Full-height, Full-length + 3x Low-profile Expansion slots)
5. SAS/SATA 6Gb/s HDD backplane with SESII
6. Mini-i-pass (SFF 8087) connectivity (multi lane)

Available Colors

Black ⬛

Downloads

Chassis Manual

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs

CSE-826BE16-R920WB	SuperChassis 826BE16-R920WB (**Black**)

Form Factor

2U chassis support for max. motherboard size - 13.68" x 13" and E-ATX
* Support up to E-ATX 12"x13" MB with rear 2.5" HDD option installed

Processor Support

Supports dual, single Intel® / AMD processors

Dimensions

Width	17.2" (437mm)
Height	3.5" (89mm)
Depth	25.5" (648mm)
Gross Weight	52 lbs (23.6kg)
Packaging	26.7" (W) x 11.4" (H) x 34.5" (L)
Available Colors	Black

Expansion Slots

• WIO Slots (4x Full-height, Full-length + 3x Low-profile)

Drive Bays

Hot-swap	12x 3.5" SAS / SATA Hot-swap drive trays and optional 2x 2.5" Hot-swap SAS/SATA Drive Bays on rear side of Chassis *SAS or enterprise SATA HDD only recommended

Backplane

2U Expander Backplane, features:
• Up to 6Gb support
• SES-2 Enclosure Management Support
• SAS/SATA support
• Three SFF 8087 connectors

Front Panel

Buttons	• Power On/Off button • System Reset button

System Cooling

Fans	3x 80mm 7K RPM Chassis middle fan w/ housing

System Monitoring

Chassis intrusion switch

Operating Environment (System)

Operating Temperature Range	▪ 10 - 35°C (50° - 95°F)
Non-Operating Temperature Range	▪ -40 - 60°C (-40° - 140°F)
Humidity Range	▪ 8 - 90% non-condensing
Non-Operating Humidity Range	▪ 5 - 95% non-condensing

Power Supply with Power Distributor

920W high-efficiency (94+%) power supply with PMBus

AC Input	▪ 100-240 V, 50-60 Hz, 11-4.5 Amp
DC Output	▪ 4 Amp @ +5V standby ▪ 75 Amp @ +12V
With Power Distributor	▪ +5V: 45 Amp ▪ +3.3V: 24 Amp ▪ +5Vsb: 6 Amp ▪ -12V: 0.6 Amp
Certification	80PLUS 94 **80PLUS Platinum Certified** [Test Report]

Regulatory (Power Supply)

Power Supply Safety / EMC	▪ USA - UL listed ▪ Canada - CUL listed ▪ Germany - TUV Certified ▪ EN 60950/IEC 60950-Compliant ▪ CB Report ▪ CCC Certification

Components

See Parts List

	Part Number	Qty	Description
Chassis	CSE-826BE16-R920WB	1	2U Chassis (**Black**)
Backplane	BPN-SAS2-826EL1	1	826 backplane with single LSI SAS2X28 expander chip
Power Supply	PWS-920P-SQ	2	920W 1U Redundant PWS W/ Quiet Mode
Power Distributor	PDB-PT826-S8824	1	PDB with shorter 24pin and 8pin cables for SC826B
Air Shroud	MCP-310-29001-0N	1	SC825/826/216/213 Intel DP X9,X8 PC air shroud 1368x13/12x13
Cable 1	CBL-0160L	2	US power cord 16AWG 6ft, PBF (default for high watt)
Cable 2	CBL-0217L	1	16pin control panel converter cable for SC826,846, 22cm, PBF
Cable 3	CBL-0182L	1	PWR EXTENSION.HDD TO RIGHT ANGLE HDD,PBF
Cable 4	CBL-0071L	1	ROUND 16 TO 16 PIN RIBBON FP CABLE 30\"(76cm)
Fan 1	FAN-0126L4	3	80x80x38 mm 7K RPM Chassis Middle Fan w/ Housing
Front Panel	TB826	1	Front panel adaptor board (TB826) forSC826,213,216,219
Front Panel	FP826-D	1	Front control board Dual color LED(FP826-D)forSC826,213,216,219
Drive Tray(s)	MCP-290-82607-0N	1	826B/216B rear dummy cover for 2 X 2.5\" HDD cage
Drive Tray(s)	MCP-220-00075-0B	12	Black gen 5.5 hot-swap 3.5\" HDD tray
Mounting Rails	MCP-290-00053-0N	1	Rail set, quick/quick, default for 2,3U 17.2"W
Mounting Rails	MCP-410-00007-0N	1	Rail screw bag
Rear Window	MCP-240-82609-0N	1	SC826B, 216B WIO rear window
Retention Bracket	MCP-320-82601-0N	1	Middle fan bracket for 826B/216B with 3 X 8cm fan

Optional Parts List			
	Part Number	**Qty**	**Description**
Cable	CBL-0157L	-	8-pin to 8-pin Ribbon Cable for SGPIO (For Additonal Drives)
Peripheral Drives	MCP-220-82609-0N	-	Rear 2 X 2.5" HDD kit for 826B series chassis (cables & backplane included)
Heatsink / Retention	-	-	Please refer to our Thermal Components Matrix
Hard Drive Carrier	MCP-220-00043-0N	-	3.5" convert to 2.5" HDD Tray
Mounting Rails	MCP-290-00058-0N	-	19" to 26.6" rail set, Quick Release, Tool-less
Front Bezel (**Compatibility Table**)	MCP-210-82601-0B	-	Front Bezel Cover, Black (optional)
LCD/OLED Solutions	-	-	Please reference the LCD/OLED Display Solutions for details
Adaptor HDD carrier	MCP-220-00043-0N	-	Adaptor HDD carrier to install 2.5" HDD in 3.5" HDD tray

Hide Parts List